

S5 Table. Polymerase substitution rates normalized by number of PCR cycles

DNA Polymerase	Substitution rate (sub/base/PCR cycle)
<i>Taq</i>	5.7×10^{-5} ($\pm 0.7 \times 10^{-5}$)
Q5	1.9×10^{-7} ($\pm 0.3 \times 10^{-7}$)
Phusion	1.3×10^{-6} ($\pm 0.2 \times 10^{-6}$)
Deep Vent	1.3×10^{-6} ($\pm 0.6 \times 10^{-6}$)
<i>Pfu</i>	1.4×10^{-6} ($\pm 0.3 \times 10^{-6}$)
PrimeSTAR GXL	3.0×10^{-6} ($\pm 0.4 \times 10^{-6}$)
KOD	4.5×10^{-6} ($\pm 0.8 \times 10^{-6}$)
Kapa HiFi HotStart ReadyMix	6.0×10^{-6} ($\pm 0.8 \times 10^{-6}$)
Deep Vent (exo-)	1.5×10^{-4} ($\pm 0.01 \times 10^{-4}$)